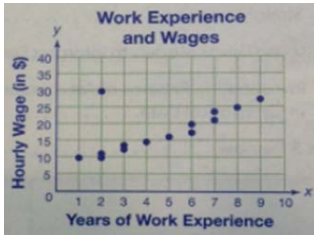


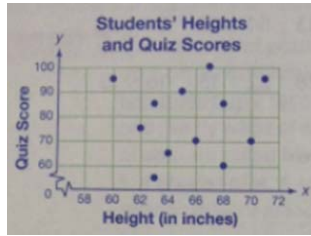
Scatter Plots Review #1 (page 1)

For each of the following scatter plots, describe the association shown between the two variables as either linear or nonlinear—or if no association is shown, state that. If the association is linear, identify it as positive or negative, strong or weak.

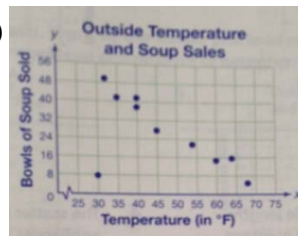
1)



2)



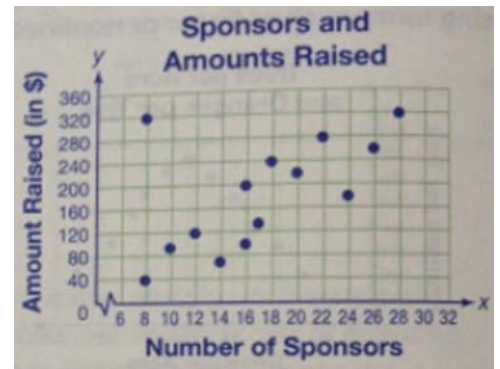
3)



4)



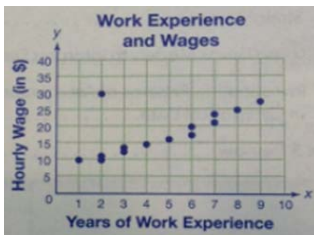
5) Draw an appropriate trend line/line of best fit for scatter plot to the right. Identify the slope of your line. Identify any outliers.



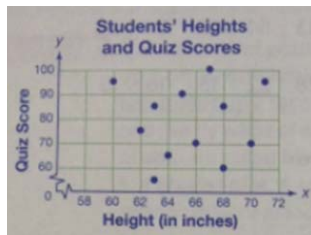
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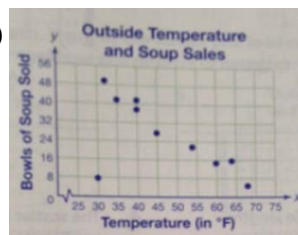
1)



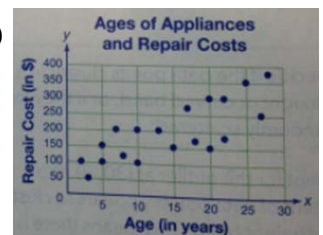
2)



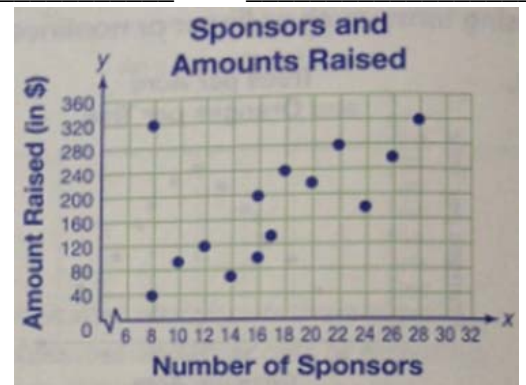
3)



4)

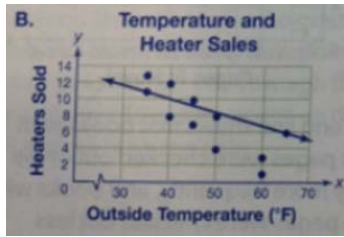
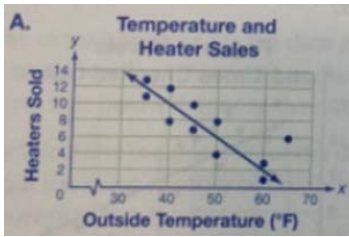


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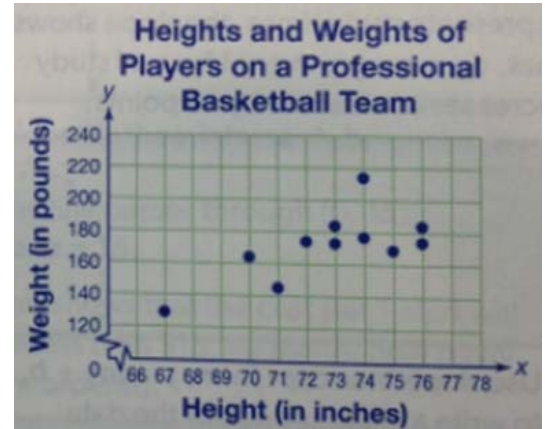
Scatter Plots Review #1 (page 2)

6) Consider each pair of identical scatter plots. Circle the letter of the plot that shows the better trend line. Explain your choice.



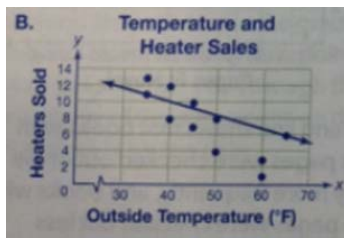
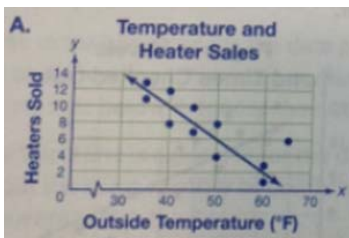
7) The scatter plot shows the heights and weights of players on a professional basketball team.

- a) Draw a line of best fit for the data.
- b) Based on your line on best fit, would you expect a professional basketball player who is 77 inches tall to weigh 140 pounds? Explain.



Scatter Plots Review #1 (page 2)

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